

ABSTRACT OF THE DISCLOSURE

An inkjet recording apparatus is provided with a recording head to conduct recording by jetting an ink onto a recording medium having an ink receiving layer containing thermoplastic resin particles on a surface thereof and a pigment ink solvent absorbing layer adjoining to an inner side of the ink receiving layer; a heating and pressing device to heat and press the recording medium so as to make the ink receiving layer of the recording medium to be transparent; a conveyor to convey the recording medium to the recording head and further to the heating and pressing device; and a temperature controller to control a heating temperature by the heating and pressing device within a range of $T_0 \pm \Delta T$ °C, where T_0 is 50 to 150 °C and ΔT is not larger than 10 °C.

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